

What is claimed is:

1. A double rolling-lobe air spring comprising:

an air spring cover defining an upper roll-off piston having a lower end;

5 a lower roll-off piston at a distance from said upper roll-off piston which distance varies during operation of the air spring and said lower roll-off piston having an upper end;

a resilient member having a first end connected to said lower end of said upper roll-off piston and a second end connected to said upper end of said lower roll-off piston;

10 said resilient member forming an upper rolling lobe during operation of said air spring;

said resilient member and said upper roll-off piston conjointly defining a region at said upper rolling lobe; and,

15 a part made of foamed material mounted in the vicinity of said upper rolling lobe to function as a contaminant catcher thereby shielding said region from contaminants from the ambient and preventing an accumulation thereof in said region.

2. The double rolling-lobe air spring of claim 1, further comprising: a bracket disposed in surrounding relationship to said resilient member; and, said part being mounted as an insert between said resilient member and said bracket.

3. The double rolling-lobe air spring of claim 1, wherein said air spring is mounted in a vehicle having a chassis and said part made of foamed material is configured as an annular member; and said annular member is attached to the outer wall of said 5 resilient member and is in elastic contact with said chassis.

4. The double rolling-lobe air spring of claim 1, wherein said foamed material is an open-pore material.
5. The double rolling-lobe air spring of claim 2, wherein said air spring is mounted in a vehicle having a chassis and said air spring further comprises a sheet metal assembly defining said bracket.
6. The double rolling-lobe air spring of claim 2, wherein said bracket is formed as part of said cover.
7. The double rolling-lobe air spring of claim 2, wherein said air spring defines a longitudinal axis; and, said bracket and said part of foamed material are rotationally symmetrical about said longitudinal axis.
8. The double rolling-lobe air spring of claim 2, wherein said air spring defines a longitudinal axis; and, said bracket and said part of foamed material are rotationally non-symmetrical about said longitudinal axis.